

Docket Number: 061047-0264493  
Client Reference: Auth-II



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

FRANK W SUDIA, et al.

Group Art Unit: 2131

Application No.: 09/870,584

Examiner: J. Seal

Filed: June 1, 2001

Confirmation No.: 9326

For: METHOD FOR SECURELY USING DIGITAL SIGNATURES IN A COMMERCIAL  
CRYPTOGRAPHIC SYSTEM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

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JUN 16 2004

Technology Center 2100

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the reference(s) has been considered, per MPEP § 609.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

Please charge Deposit Account 033975 in the amount of \$180.00 in payment of the fee under 37 CFR 1.17(p). Please credit or debit Deposit Account 033975 as needed to ensure consideration of the disclosed information.

The reference(s) was/were cited by or submitted to the Office in parent application no. 08/786,046, filed January 21, 1997, which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 C.F.R. §1.98(d).

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Respectfully Submitted,

Jeffrey B. Karceski  
Registration Number 35914

Date: June 9, 2004  
PILLSBURY WINTHROP LLP  
Telephone: (703) 905-2000  
Facsimile: (703) 905-2500  
P.O. Box 10500  
McLean, VA 22102  
JDK/JGH:ylw



Atty. Dkt. No.	M#	Client Ref.
	0264493	AUTH-II

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: SUDIA et al.	
Appln. No.: 09/870,584	
Filing Date: June 1, 2001	
Examiner: J. Seal	Group Art Unit: 2131

Date: June 9, 2004      Pa ge 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	5005200	Fischer	380	30	
	BR	5031214	Dziewit et al.	380	23	
	CR	5157726	Merkle et al.	380	23	
	DR	5163091	Graziano et al.	380	25	
	ER	5191613	Graziano et al.	380	25	
	FR	5214702	Fischer	380	30	
	GR	4981370	Dziewit et al.	380	25	
	HR	4625076	Okamoto et al.	380	25	
	IR	5621797	Rosen	380	24	
	JR	5436974	Kovanen	380	51	
	KR	5659616	Sudia	380	23	

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**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name		Abstract		Readily Available	
							Enclosed	No	Enclose	No
	LR									
	MR									
	NR									

**OTHER (Including in this order Author, Title, Periodical Name, Date, Volume, Pertinent Pages, etc.)**

OR	J. Linn, Privacy Enhancement for Internet Electronic Mail: Part I, February 1993, pages 1-42				
PR	S. Kent, Privacy Enhancement for Internet Electronic Mail: Part II, February 1993, pages 1-32				
QR	X12.58 Version 2, ASC X-12 DRAFT STANDARD...MANAGING ELECTRONIC DATA INTERCHANGE, pages 1-40				
RR	Financial Institution Sign-On Authentication for Wholesale Financial Transactions X9.26, Approved: February 28, 1990, pages 1-25				
SR	Draft ANSI X9.30-199x, Public Key Cryptography Using Irreversible Algorithms for the Financial Services Industry: Part 3, November 18, 1993, pages 1-6				
TR	PKCS #7: Cryptographic Message Syntax Standard Version 1.5, Revised November 1, 1993, pages 1-30				
UR	PKCS #7: Cryptographic Message Syntax Standard Version 1.4, June 3, 1991, pages 1-24				
VR	Recommendation X.500: THE DIRECTORY-OVERVIEW OF CONCEPTS, MODELS AND SERVICES, Melbourne, 1988, pages 1-13				
WR	Robert Jueneman, Limiting the Liability of CAs and Individuals regarding the use of Digital Signatures, June 30, 1993, pages 1-8				
XR	J. Linn, Practical Authentication for Distributed Computing, IEEE, 1990, pages 32-40				

YR	Morrie Gasser et al., An Architecture for Practical Delegation in a Distributed System, IEEE, 1990, pages 20-30								
ZR	Denis Pinkas et al., SESAME: Secure European System for Applications in a Multivendor Environment, Issue 1, February 1993								
AAR	Information Technology – Open Systems Interconnection – The Directory: Authentication Framework – Recommendation X.509 ISO/IEC 9594-8 (1993), pages i-35								
BBR	Accredited Standards Committee X9, X9-Financial Services, Public Key Cryptography Using Irreversible Algorithms for the Financial Services Industry: Part 3, October 7, 1994, pages i-81								
CCR	Frank Sudia and Richard Ankney, Commercialization of Digital Signatures, July 20, Boston, pages 1-16								
DDR	Addison M. Fischer, Electronic Document Authorization, National Computer Security Conference, 1992, pages 1-23								
EER	ECMA – STANDARD ECMA-138 – SECURITY IN OPEN SYSTEMS – DATA ELEMENTS AND SERVICE DEFINITIONS, December 1989, pages i-81								
FFR	ECMA – SECURITY IN OPEN SYSTEMS A SECURITY FRAMEWORK, ECMA TC/46, July 1988, pages i-71								
GGR	Secure Data Network System, ACCESS CONTROL SPECIFICATION, ACCESS CONTROL INFORMATION SPECIFICATION (ACIS) ADDENDUM 1 (SDN.802/1), July 25, 1989, pages ii-85								
HHR	Secure Data Network System, ACCESS CONTROL SPECIFICATION, SDN.802, Rev. 1.0, July 25, 1989, pages 1-43								
IIR	Secure Data Network System, ACCESS CONTROL CONCEPT DOCUMENT (Revision 1.3), SDN.801, July 26, 1989, pages 1-18								
JJR	European Computer Manufacturers Association, STANDARD ECMA-138 SECURITY IN OPEN SYSTEMS – DATA ELEMENTS AND SERVICE DEFINITIONS, December 1989, pages i-81	<b>RECEIVED</b> JUN 16 2004 Technology Center 2100							
KKR	Addison Fischer, WORKFLOW.2000-ELECTRONIC DOCUMENT AUTHORIZATION IN PRACTICE, Fischer International Systems Corporation, Copyright 1992, 7 pages								
LLR	Richard Ankney, CERTIFICATE MANAGEMENT FOR THE FINANCIAL SERVICES INDUSTRY, ABA/SCITECH/Notaization and Nonrepudiation WG.								
MMR	ANSI X9.30 (Working Draft) PUBLIC KEY CRYPTOGRAPHY USING IRREVERSIBLE ALGORITHMS FOR THE FINANCIAL SERVICES INDUSTRY: Part 3: Certificate Management for DSA, March 29, 1993, pages i-71								
NNR	ANSI X9.30-199X (Working Draft) PUBLIC KEY CRYPTOGRAPHY USING IRREVERSIBLE ALGORITHMS FOR THE FINANCIAL SERVICES INDUSTRY: Part 3: Certificate Management for DSA, September 27, 1993, pages i-87								
OOR	Rich Ankney et al., ENHANCED MANAGEMENT CONTROLS USING ATTRIBUTE CERTIFICATES, ASC PROPOSAL No. X9F1-3, November 10, 1993, 13 pages								
PPR	ANSI X9.30-199x (Draft), Executive Summary, Public Key Cryptography Using Irreversible Algorithms for the Financial Services Industry: Part 3: Certificate Management for DSA, November 18, 1993, pages 1-6								
QQR	ANSI X9.xx-199x (Working Draft), ENHANCED MANAGEMENT CONTROLS USING ATTRIBUTE CERTIFICATES, January 3, 1994, pages 1-18								
RRR	ANSI X9.30-199x (Working Draft), PUBLIC KEY CRYPTOGRAPHY USING REVERSIBLE ALGORITHMS FOR THE FINANCIAL SERVICES INDUSTRY: Part 3: Certificate Management for DSA, June 1, 1994, pages i-86								
SSR									

Examiner

Date Considered:

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.